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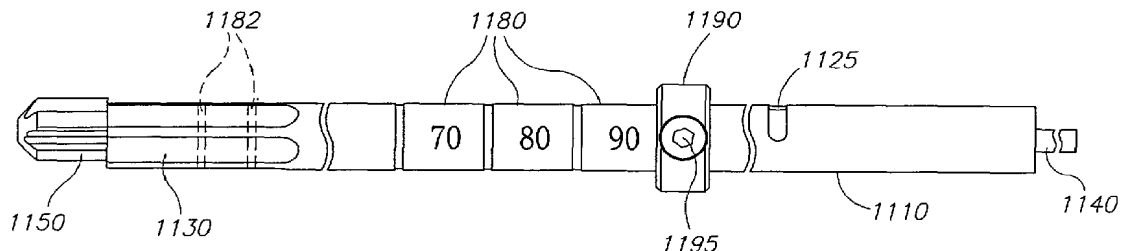
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(54) Title: SOFT TISSUE TO BONE FIXATION



(57) Abstract: A device for forming expansion regions in a bone, comprising, an elongate body having an axis and adapted to fit through a tunnel in a bone; and a head, provided on said body and having outer dimensions not substantially extending trans-axially to said body, wherein said head is rotatable and wherein said head is adapted to widen said tunnel in said bone by at least 10% in conjunction with said rotating.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00923

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 17/56  
US CL : 606/72, 80

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 606/72, 80, 73, 79, 84, 85, 104

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,445,639 A (KUSLICH et al) 29 August 1995 (29.08.1995), see Figures 5-14 and column 3, lines 6-16.	1, 2, 13, 14, 16-24, 26-33 and 35 ----- 3-12, 15, 25 and 34
X --- Y	US 6,224,604 B1 (SUDDABY) 01 May 2001 (01.05.2001), see Figures 1-4 and column 2, lines 20-60.	1, 2, 13, 14, 16-24, 26-33 and 35 ----- 3-12, 15, 25 and 34
X	US 5,374,269 A (ROSENBERG) 20 December 1994 (20.12.1994), entire document.	36-72
A	US 1,923,177 A (TUCKER) 22 August 1933 (22.08.1933), entire document.	3-12, 15, 25 and 34
A	US 4,011,602 A (RYBICKI et al) 15 March 1977 (15.03.1977), entire document.	41



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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# INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

EAST

search terms: ream\$, drill\$, cccentric, inflat\$, depth, limit\$, interfer\$, adhesive, thickening